

# Assignment:1

by  
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# Guidelines

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1. Complete the assignment and upload to black board within the deadline.
2. Clearly mention your name and student ID.
3. Do not copy from other friends. If found 0 marks will be given.
4. Do not submit the blank file. If found will get the demerit point.
5. Submit all the problems in single file (.docx).
6. Use the comment option to explain your code.
7. The solution should be exactly match to the question.
8. If you have any question do not hesitate to inbox me.

Deadline: 2021/03/29



# Assignment:1

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1. Write the menu program using C++ code to produce the following output.

Output 1

```
Home Plus
Code      Item      Rate_Won
1         shampoo   5000
2         soap     1000
3         Beer      2000
4         Milk      2500
Enter the code:1
Enter the quantity:3
Total price is: 15000.000000
```

Output 2

```
Home Plus
Code      Item      Rate_Won
1         shampoo   5000
2         soap     1000
3         Beer      2000
4         Milk      2500
Enter the code:2
Enter the quantity:4
Total price is: 4000.000000
```

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2. Enter the name of student and his/her ID. Create a class student and two function getdata() and putdata() to take the student input and display the output. Use class concept
3. Find the largest among the two number using class. Create class **big**. Also, create two member function as **input()** and **largest()**. Called these member function using object **big**

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4. Write a program to get the student details using class. Create a class name student, create function **get\_details()** and **put\_detail()**. User should input name, student ID, and marks of 4 subject each of 100 full mark. Display the student record. Use percentage as float type.

## Display

Name: Kim

ID: 2019200

Subject1: 75

Subject2: 60

Subject3: 90

Subject4: 95

Total Percentage: 80%

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5. Write a program to get the student details using class. Create a class name **student** with function **getdata()** and **putdata()** for input and **display the detail**. Use a concept of **array of object** to take the student detail of five student and display detail of student. The output and input window should looks like below

Input

```
student:1
Name:Kim
ID:201920
student:2
Name:Park
ID:201930
student:3
Name:Lee
ID:201930
student:4
Name:Soo
ID:201940
student:5
Name:Hoon
ID:201950
```

Output

```
****Output****
Student:1
Name:Kim
Student ID:201920
Student:2
Name:Park
Student ID:201930
Student:3
Name:Lee
Student ID:201930
Student:4
Name:Soo
Student ID:201940
Student:5
Name:Hoon
Student ID:201950

Process returned 0 (0x0)   execution time : 59.055 s
Press any key to continue.
```